

TRAC Agricultural and Outreach Subcommittee November 3, 2010

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Agenda

- Overview of proposed amendments affecting agricultural fleets and 2 engine sweepers
- ARB's general outreach plan and efforts
- Outreach for the 2011 agricultural fleets and 2 engine sweepers
- Next steps

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Status

- Adopted by the Air Resources Board December 2008
- Approved by the Office of Administrative Law (OAL) December 9, 2009
 - In effect January 8, 2010
- Proposed amendments to be presented to the Board December 16 & 17, 2010



Proposed Requirement for Lighter Trucks*

- Truck replacements start 2015
 - Replace when 20 years old until 2020
 - Replace remaining pre-2010 engines 2020-2023
- No PM filter requirements
- No reporting required
- No other compliance options
 - Exempt until 2020 if PM filter and report

*GVWR from 14,001 to 26,000 lbs

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Proposed BACT Schedule for Lighter Trucks*

<i>Compliance Date as of January 1</i>	<i>Existing Engine Model Year</i>	<i>BACT Requirements</i>
2015	1995 & older	2010 model year emission equivalent
2016	1996	
2017	1997	
2018	1998	
2019	1999	
2020	2003 & older	
2021	2004-2006	
2022		
2023	2007-2009	

- Fleets that meet the schedule requirements are done
- No Reporting

*GVWR from 14,001 to 26,000 lbs

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Proposed Requirement for Heavier Trucks*

- Meet compliance schedule by engine
 - Best available control technology (BACT)
- PM filters 2012-2014
 - Can keep truck 8 more years
- Replace vehicles 20 years old or older from 2015-2020

*GVWR more than 26,000 lbs

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Proposed BACT Schedule for Heavier Trucks*

Engine Model	Compliance Dates	
	Install PM Filter By	2010 Engine By
1993 and older	N/A	January 1, 2015
1994-1995	N/A	January 1, 2016
1996-1997	N/A	January 1, 2017
1998-2000	January 1, 2012	January 1, 2020
2001-2004	January 1, 2013	January 1, 2021
2005-2006	January 1, 2014	January 1, 2022
2007-2009	January 1, 2014 if not originally equipped with a PM filter	January 1, 2023

- Fleets that meet the schedule requirements are done
- No Reporting

*Vehicles more than 26,000 lbs GVWR

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Proposed Credits

- Any vehicle exempt until 2020 if PM filter installed by 2014
- Treat another heavier vehicle as compliant until 2017
 - For each PM filter installed by July 1, 2011
 - For each 2010 fuel efficient hybrid vehicle
 - For each alternative fueled vehicle
- Must report clean vehicle and vehicle to get credit

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Street Sweepers (two engines)

- Main engine determines date of requirement
- Auxiliary engine operational limits
 - 450 hours per year until 2014 for Tier 0
 - 100 hours per year thereafter
 - Report annually January 1 hour reading
- Auxiliary engine compliance
 - Meet PM BACT same time as drive engine

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Agricultural Vehicle Provisions

- Extend initial reporting to March 31, 2011
- Allow use of small fleet provisions
- Treat all livestock feed trucks as eligible for specialty vehicle exemption
 - Currently limited to calf and cattle feed lots
- Clarify language for vehicle definitions
 - Farm to first processor
- Specialty vehicles reported in 2010 will have priority

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Proposed Optional Log Truck Provision

- Log trucks carrying logs
- Opt-in by January 31, 2012
- 2010 engine emissions equivalent
 - Starts January 1, 2014
 - 10% of reported log trucks per year
 - No PM retrofits
- Total number eligible may not increase
- No other credits for reported log trucks
- May operate statewide
- Must have “AG” label on both doors

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Near Term ARB Outreach Plan

- Overview handout
- Poster
- “One Stop Truck” events
- Fuel pump topper advertisement
- Postcards
- Dealer network training

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Near Term Outreach Concepts

For agricultural vehicles and 2 engine sweepers

- Newsletters

- Message
- Coordination
- Timing

- Training

- Sacramento (12-29, 1-4, 1-24)
 - Webcast and post video
- SJV (Jan)

- Postcard (Dec-Jan)

- All fleets: regulatory date reminder & funding

- Dealer network training (Jan-Mar)

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